

Key + Chimnick

19

24. iv. 1957 - 3. v. 1957

6165.

24/4/57. 6156.8. Coonamble. Plain
Macrotona sp. 16, *Troggattina australis*,
 with shallows dry watercourses.
Peakesia hospita, *Oedalus australis*,
 Coolabah with occ. *populifolia*
Phaulacridium vittatum, *Aiolopus thalassinus*,
 ♀ and ♂ orange on slightly higher
Ephantus quadrilobus, *Acrida conica*,
 ground with pale sandy surface
Genus nov. 5 sp., *Zabrala rosewood* sp. 1
 soil, leading to Coolabah

ultimately treeless plain on
 strongly self-mulching dark grey
 soil with *Bassia quinquecuspis*.
Oedalus, Chor., *Austriacis guttulosa*

(j)

6176 Wengadse Turn off

6186. *E. largiflorens* with some
Bermius sp., *Cedarinia* sp., *Aiolopus*.
 Coolabah, *populifolia*, *Casuarina*
thalassinus, *Cryptobothrus chrysophorus*
Lepidophora + occ. *Leysia* + *Acacia*
stenophylla on broad low-lying
 area on grey self-mulching soil
 with *Paspalidium jubiflorum* to
 3ft, sedges, *Marsilea* + flea-bane.
Oedalus, Acrida

6199 Castlenagh River

6209. Strongly self-mulching chocolate
? *Perclytrana* sp. 1 (j.)

soil plain with dense even
stand of *Astrobleta lappacea*

Sichanthium sinicum; widely
scattered myall, rosewood, &

currantbush. *Acilopus*, *Buistracis*
guttatosa.

6227. Walgett

6230. Leave Walgett

233. Barwon R.

234. Brentanna turn-off.

241. Coolibah woodland to 25ft on
Zabrala sp. 1, *Acilopus thalassimus*,

grey self-mulching plain. *Bassia*
giphantus quadrilobus (j.), *Cedarinia* sp.,
Leichia & other *Bassias* to 1ft.

Genus nov. 5 sp.

various grasses to 6in. Chort.

Acrida.

257. *E. Populifolia*, *Calibris glauca*,
Macrotana sp. 16, Genus nov. 5 sp.,

& *Exantophila mitchellii* on red
Heteropternis obscurilla (j.), *Cedarinia* sp.,
sand. Undulating fringe of
morabine sp.
murilla *habilans*. Acridida

to 1 ft

jerichoensis, *Eragrostis lacunaria* (?)to 9 in, & *Digitaria brownii* to 1 ft.

forming fairly dense cover.

Patches of *Themeda australis*.Moraba amongst *D. brownii*.Dedaleus, Chor., Pycnostictusseriatus.

6259.6 Cumborah

260. E. melanophloia to 25 ft woodland

Macrotona spp. (3), *Austraria guttulosa*,with occ. *populifolia* & *Angophora**Dedaleus australis*, *Pycnostictus seriatus*,*melanosyloa* on tablelands of red*Cedarnia* sp., morabine sp., *Heteropternis*

sand with white gravel av.

obscurilla, Genus nov. 95 ochracea.

diam. 4 in. *Tricodia utchelli*,*Aristida jerochoensis* + *Themeda**australis* about equally abundantall to 2 ft. *Macrotona* in*Tricodia*. Moraba mainly *Lebeuca*.*Tricodia* on *Eragrostis* sp., *Digitaria**brownii* + *Bassia litchii*. Pycnostictusseriatus.269. E. *populifolia*, Uddah, some

Euphantus quadrilobus, occ. *Cedaria* sp.,
salga, *whitewood*, wild orange
Macrotona sp., *Genesio* nov. 5 sp.
 & curran bush. on undulating
 country with red-brown soil &
 mottled
 platonic stones up to 6 in diam
 & fine gravel. Sparse ground
 cover of *Sida* sp., *Bassia* *brockii*,
Eragrostis sp., & *Digitaria brownii*.
Dedalus, *Chob.*, *Pycnostictus*
seratus.

6285. Harran R.

295. Gidgea on strongly self-mulching
Chortoicetes tenuifera
 dark grey soil plain, with dense
Sporobolus sp., *Eragrostis* sp.,
Astilbe sp., *Atriplex leptocarpa*,
 & *Bassia quinquecuspis* all to
 1-2 ft. *Diolopis*, *Austracis gull* (f)

296. *Brenanina* hum-off.

313. Goodooga

25/4/57. 313. Goodooga.

317. *E. populifolia* / *coolibah* & *gidgea*
 with some
Acida conica, *Chortoicetes tenuifera*,
 occ. wild orange on pale brown

Dedalus australis, *Pycnostictus seriatas*,
silt loam plain. Good cover of
Euphantus quadrilobus, *Macrotona* spp. (2)
many species of grass, *Brosia* &
Austroicetes pusilla, Genus nov. 5 sp.
annual *Amples*, some eroded
bare patches. *Austracris gutt.* (f)

Heteropternis (f), *Aiolopus*

325. Whitewood, leopardwood, occ.

Zabrala sp., *Austroicetes* ^{mulga}
leuwood, *Ventilago viminabilis*, all
pusilla, *Stropio* sp., to 15ft *Macrophobia*
to 20ft, *Acacia victoriae*, *Cassia*
sp., *Chorizandra terminifera*, & *Aiolopus*
sp. to 6ft, *Rhagodia* sp. to 3ft,
Thalassimus, Genus nov. 5 sp., *Morabine* sp.
Capparis lascauthus (?); *Dichanthium*

serenclum, *Sporobolus caroli*, *Chloris*

truncata to 1ft, some ^{Crofton} *Amples* sp.,
& *Trichium* sp.

& *Bassia* sp. Pale brown silt loam
plain. *Acrida*, *Austracris guttulosa*

(f). *Moraba* associated with the
chenopods.

339 Hebel

343. *Atalaya* to 25ft., *Ventilago*,
Zabrala sp., *Troglodina australis*,
mulga, rosewood, leopardwood,
Peakesia sp., *Cedania* sp., *Macrotona*
buddeh, on brown sandy loam
spp. (2), *Heteropternis obscurilla*,
plain. *Bassia hehlii* abundant
Pycnostictus seriatas, Genus nov. 5 sp.

with *Chloris acicularis* & a few small
Poasias & *Abriplex*. Oedalus,
Acrida, Chot., Austrocris gutt.

355. Booigat, Caloomahum-off.

357 River Xing? Bridge.

359. *E. melaenophloia* with *Eragrostis*
Stropis maculosa, *Gonicea* sp., *Genus* nov.
 sp. on latent residual with
 28 sp., *Aciolopus thalassinus*, *Macrostoma*
 gravelly soil & some rock
 sp. 16, *Genus* nov. 5 sp.

exposure, leading down to
E. Populifolia, with some *Atalaya*,
Gliricija, *Centelago*, wild orange, on
 brown sandy loam. *Chloris* sp. &
Poasia birchii ^{dense} to 1 ft. Acrida,
Oedalus, Pycnostictus serratus,
Austrocris guttulosa.

380. Diranbandi

384. Coolibah & Edessellaris on
Aciolopus thalassinus, *Heteropternis*
 pale sand overlying self-mulching
 obscurilla, *Troggattina australis*,
 dark grey soil along Bokhara
Pycnostictus serratus, *Genus* nov. 5 sp.
R. Aristida sp. + *Dichanthium*
scicium, a little *Helichrysum*.

Acrida, Dedalus.

1396. ^{Balonne R.} ~~Acrida~~ crossing

400. E. populifolia to 30ft, with
morabine spp. (2), Peakesia buddah to 10ft,
Acacia excelsa to 20ft, with
sps; Froggattina australis, Monistria sp.,
mulga, Callitris glauca, occ. wild
Pycnostichus seriatus, Acacia, Cedarnia sp.,
orange, Aristida sp., Eragrostis
Macrotona sp., Siphantus quadrilobus,
lacunaria (?), Bassia leitchii,
Genus nov. 95 sp., Genus nov. 5 sp.

Rhagodia sp. (both sparse). Morabas
associated with Bassia + Rhagodia
under trees. Red sand. Dedalus,

Acrida, Pycnostichus seriatus

Paratettix australis, P. nigrescens
428. St. George

⁴²⁹
26ft. St. George (leaving)

444. Gently undulating red sandy loam
sparse Siphantus quadrilobus (j.), Genus
with purple brown stone gravel. E.
nov. 5 sp., Monistria sp., Macrotona spp. (2) (15ft)
populifolia to 40ft. with buddah (15ft)
Cedarnia sp., Peakesia sp.,
mulga, mulga (20ft) Dodonaea sp.
Heteropternis obovata, Macrolophosia
(6ft), Cassia sp. (3ft). Sparse grass
(Chloris + Aristida) sp.; Acrida conica
on ground layer to 9m., occ. Sida,

Rhagodia, Bassia leitchii. Dedalus,

Pycnostichus seriatus, Froggattina,

Austracris guttulosa.

6461 Turn off to Warroo Bridge.
 Genus nov. 5 sp., Cedarnia sp.,
 464. Thunus E. populifolia (30ft),
Heteropternis obscurula, Goniata sp., Troggattina
luddah, occ. milga, currantbush, au-
australis, Chortocites terminifera, Macrotona
 pale brown sandy loam with
 sp. 16, Dedalus australis, Epilantes quadrilobus
Arishida Chloris. Acrida, Pycnostictus
sinatus.

484. Undulating red-brown sandy
Macrotona sp. 16, Genus nov. 5 sp., Cedarnia
 loam with a little surface
 sp., Peatesia sp., Pycnostictus sinatus,
latentic gravel. E. populifolia (25
Heteropternis obscurula.
 ft.), Bambusa sp. (spec.) (20ft),
 ? Bambusa caronia F. Muell.
luddah, occ. milga & currantbush.
 Good ground cover of Chloris sp. &
Dichanthium sericeum, occ. Bassia
birchii, other Bassias, & Rhagodia
 sp. Acilopus, Chort., Acrida, Dedalus,
Austracris gutt., Troggattina.

489 Werrilone bk.

496. Bambusa, occ. Gerardia, myall,
Cedarnia sp., Austracris guttulosa,
~~rosewood~~ milga orange, Capparis
Troggattina australis all
laevanthus (?), Ulak, very widely

spaced on rolling blue-grass downs.
Soil chocolate, strongly self-
mulching. Pasture dense, to 1ft.
Aciopus, Chot, Aerida

502 Swat

513. *E. populifolia* to 40ft, milga, ⁽¹⁵⁾
Cidamia sp. (15ft) (25ft) *Troggattina*
occ. rosewood, kuloke, kuddah (10ft),
australis, *Rapsilla fusca*, *Heteropternis*
with numerous small thorny
obsurella, *Gemus* nov. 5 sp., *morabine* sp.
scrubblers to 3ft (spec.), tussocky
Carissa ovata, R. Br.
grasses to 2ft, occ. *Bassia*
leitchii. On pale brown sandy loam
rise. Chot. Pycnostictus senatus

522. Join Cardamine Heray.

Heteropternis obsurella, *morabine* sp.,

529. *E. populifolia* to 40ft, occ. *Acacia*
Cidamia sp., *Manistria* sp., *Gemus* nov. 65 sp.,
exculsa, kuddah, pine, Coarse
Gemus nov. 13 sp., *Aerida conica*, *Peakezia* sp.
grasses to 3ft. Pale sandy loam,
undulating. Oedalus.

538. Thum's kelah (Brigalow)

Elephantus quadrilobus, *Macrotona* sp. 16,
milga, ^(30ft) grey-brown self-
Aciopus ~~mulch~~, *Troggattina australis*,
mulching soil, undulating.
Rapsilla fusca.
Dichanthium sericeum to 18in,

Cedamnia sp.

Occ. *Falsola* Kali, *Bassia quinque-*
cuspis, *B. kirchii*, *Kochia* sp.

6545. Rolling blue-grass downs.

Cedamnia sp., *Aristida*, *Malassenus*,
Grey-brown self-mulching soil.
Morabine sp., *Troggathina australis*
Scattered *E. populifolia*, and, along
shallow watercourse, *E. canaldul-*
censis (?) (spec). *Oedaleus*, Chott,
Derida, *Pycnostictus striatus*.

Occ. *Bassia kirchii* & *B. quinquecuspis*.

Moraba amongst grass under

E. canaldulcensis (?)

549. Roma

550 Roma (depar. T) 27-4-57

561 Undulating pale brown loam.

Morabine sp., *Genus* nov. 5 sp.
E. populifolia to 50 ft, *vilgr.*, *C. glauca*
luddah. Ground layer of mixed
grasses to 18 in., luddah regrowth
abundant. *Heteroptemis*.

573. Sandstone outcrop, with *E.*

Heteroptemis obscurella, *Oedaleus australis*,
Populifolia, *C. glauca*, occ. *E.*
Cedamnia sp., *Genus* nov. 5 sp., *Pseudura*
melanophlora + *Angophora lanceolata*
musgravei

- A small shrub & a wattle, both
to 5ft. sparse grasses to 18in.
- 6579 Rd. Junct. R. to Tooraki, L. Injune
- 590 Left. Turn off to Ashfield 4mi
- 592 Left. Turn off to Bymount.
- 595 *Themis velutina* (30ft) bud dah,
Troglodytes australis
mulga, occ. *E. populifolia*, myall.
Sparse grasses to 6in., sparse low
Pennisetum sp., *Koeleria* sp. & *Hypochaeris*
sp. *Rhynchospora*.
- 598 Gunawarrin
- 605 Longwarra
- 609 Injune
- 610 R Turn to Baffle Cr. 2mi.
- 612 Undulating pale brown sandy
Austracris basalis, *Heteropternis obscurilla*,
locum. *E. ? blakeyi*, occ. *E. populifolia*,
morabine spp. (2), *Stenus* nov. 65 spp.,
E. melanopicta, *Angophora integrifolia*
Pseudmura musgravei (8)
media, *Declieuxium sericeum* &
Ammodendron sp. both to 2ft. fleshy
thin, in places a thin cover of
Helictrocyon sp. to 6in. *Calceolaria*

Noronha associated with Lant.
Cultrota group with knobbed.

Pycnostictus seriatus, Oedabius.

6619 Hutton bk.

626. Angophora lanceolata, E.

Monistria sp., Phaulacidium vittatum,
Ulakeliji (?), E. keosellans, C. glauca,
Pycnostictus seriatus, Froggattina australis,
 etc. E. melanophloea, bulldah,
Predmura musgravi, morabine sp.

E. Populifolia. A broad-phyllode
 mat to frequent to 10ft. Miscellaneous
 grasses to 2ft., Helichrysum, Diolopus,
Oedabius, Heteropchemis, undulating
 pale sand.

632. ? Baffle Creek. Sand along side
Paratettix albolimbatus, P. fimbriata
 stagnant water.
 sandstone

630. Back Kyo slope, with E. melanophloea,
Cedarinia sp., Monistria sp., Yonisea sp.,
Angophora lanceolata, C. glauca,
morabine sp.

Cassinia sp. & Acacia spp. frequent
 to 8ft. Themeda australis &
Noronha sp. to 2ft. Helichrysum
 occasional.

649. Eucalypt, rough bark to bits

Psidium musgravei (J.), morabine (3 spp.),

(*Leucophaea* type leafy leaves)
Monistria sp. *E. exserta* F. Muell.

slightly glaucous (soft) ~~with~~ (spec)
Macrotona sp. (spec.) *Heteropternis*

with mottled purple broad yellow-
obscurula

green leaves & gray, slightly flaky
bark. *Acacia macradenia* Benth.

shrub (it soft), ~~is~~ another (spec)

to 6ft. Soil pale sandy on

slope of rise. low shrub of a

Prostanthera euphrasioides Benth.

labiate (spec) to 1ft common on,

also *Cassinia* sp. to 1ft. *Monistria*

associated with labiate. Various

erect grasses up to 3ft.

mainly 1ft. *Cirphula* (spec)

652. Undulating, pale sandy soil,
orange cemented, morabine

purple scattered gravel to 1/2 in diam

E. brachyphloia F. Muell.

E. racemosa (spec) a blue leafed
(gray bark to tips)

(spec) to 20ft. Much *Monistria*

understorey of *Tridax* sp.

at times of *Tridax* (spec) +

miscellaneous & ericoid shrubs

to 1-3ft. Moraba on shrubs.
Austracris guthrieana

655 Camp site

28/11. 656 1st part camp.

657. Killy. Powdery brown loam.

E. leucophloea, E. melanophloea, Austracris? basalis, Calidria captiva, occ. E. maculata to 6ft. Numerous Macrotona sp., Heteropternis obscurilla, shrubs to 10ft, including the ? Methiola sp., Morabini (s) Thorny scrub, + several others, occ. Macrozamia to 10ft. Grasses 3-4ft, some forbs. Haloragis

664. Eucalyptus, rocky in places.

Monistria sp., Macrozamia conglobata, E. racemosa, E. melanophloea, Clepsydria sp., Morabini Gray-barked (3 spp.), occ. E. maculata, + a bloodwood, Pseudnura murgrewii, Macrotona sp., all to 7ft, scattered shrubs of ? Perbellia sp. (s) Acacia sp. + Caecilia to 10ft. Daviesia filipes Benth. Acacia sp. spec. 1 to 3ft common in patches to 3ft. Haloragis elata A. Cunn. spec. 2 occ. spec. 2 dense in patches. Odonaea triangulata Lindl. 1ft. Commersonia sp. in patches to 9in. scattered grasses to 2ft Proctanthesa euphrasitoides habitate as at earlier stop in patches to 2ft. Morabini mainly associated with spec. 2, Haloragis Monistria

with the leaves (Prostanthera)

6669. *Boiga* and *tao* that small -
Monistria sp., *Cidamia* sp. Buddah
 leaved tree to 50ft, vulga to 15ft,
 ? *Methiola* sp., *Stenocatan* tops *angustifrons*,
 occ. bottle tree, other about -
Chortocetes *hemimifera*, *Cryptobothrus*
 abundant to 10ft. *bracteosa*,
Chypophorus, *Austracris* ? *proxima*, *Rapsilla*.
Dedalus, *Hei* *Valanga* *incanescens*
fusca, morabine
 Kelly, i chocolate, friable soil.

6681 Turn off. left to Lanaroon large
 a River at this point.

685. Undulating pale brown sandy
Oedaleus australis
 loam. *E. melanophloea*, *E. populifolia* to 40ft, *buldab* & spec. 1
spicata (F. Muell.) *Donin* *Dichrostachys*
 to 15ft, vulga to 8ft, prickly
 scrambles 2ft, grasses to 15in.
Heteropternis, *Froggattina*.

704. *E. melanophloea*, *E.*
Macrotona sp. 16, *Attractomorpha* *similis*,
populifolia to 3ft, occ. *Buddah*
Riolopus *thalassinus*, *Froggattina*.
 on grey sandy loam flat.
australis
 Grasses dense uniform to
 2ft. *Oedaleus*, *Heteropternis*.

6707. Left T.O. to Peed's Dome.

719. Kolleston

719. Rolling down, deep the table
Leucostea migratoria, *Austracris guttulosa*,
 heavily with muddling soil.

A. ? producing, Genus nov. 21 sp. 1, *Pioloopus*
Dichanthium sericeum, *Compositae*
Malassimus, *Heteropternis obscurella*,
 with some other grasses, all to
 morabine

2 ft. growing almost complete
 cover. Very widely spaced, black
 with rough but thin pinkish bark.
 Black soil of haploanthem than

the grasses of the morabine.

720. Water Ck.

731. Rolling, black, shaly soil -
Austracris guttulosa, Genus nov. 21 sp. 1,
 muddling soil. *Dichanthium*

Pioloopus *Malassimus*, morabine
Compositae & other grasses 1/2 ft.

Soil with numerous clumps
 of basalt on drain, ca. 6 in.

on surface, *Heteropternis*.

Widely spaced *E. karschiana*.

Leaving to the left a small hill.

1/2 in. x 1/2 in. *E. canaliculata*.

747. *E. melanophthalma* & *Chrodium*

at sea level, about 1000 ft.
 to 300 ft. on lower slope of hill.
Austracris guttulosa, *A. ? basalis*,
Bracon sp. sandy, brown. *Bracon*
Troggattina australis,
 western part of *Lechia thum*
sibirica, *Eulalia puba*, species
 of *Penstemon* *umbellatus* to 3 ft.
Holoprus.

6750 Step sandstone slope, with
Austracris basalis, *Stenolatanotops*
 much exposed rock. *E. racemosa*,
angustifrons
 to 6 ft.,
 waxy leaf with on *Acacia* with
 broad glaucous phyllodes to 10 ft.
 + *Cassinia* sp. to 5 ft. On summit,
 same species, the *Acacia* very
 thick with a *Triodia* with
 long, very rigid green leaves
 forming the ground layer.

752 Mt. Sirius range. Top of ridge
Austracris ? prosoma, *Perbellia* sp. (j.),
 with *Stenolatanotops* on
 moraine
 basalt with exposed rocks.
E. racemosa, *E. hemphloia* (?)
 bloodwood to 25 ft., with

Macrorhynchos to 10 ft. Dense
 pasture of *Themeda australis*
 from *Scleria fulva* to 3 ft.
Biolopus herodes

6764 Springsure

764 Springsure depart 29/4/57

770 *E. populifolia*, *E. can. gaziana*,
Heteropternis obscurula, *Macrotona*
 to 60 ft., with some *bergia* and *Uilga*
sp. 16, *Troggattina australis*, *Cedarinia sp.*
meddah, prickly *serau* etc. *Themeda*

Grey to am. Grasses 6-18 in.

Biolopus

774 Springsure

780. Rolling black soil downs with
 Genus nov. 13 sp., *Biolopus thalassinus*,
 numerous basal stones, etc.
Cedarinia sp., *Calceia captiva*, (?)
 diam. 4 in. well spaced *E. hemiphloea*
Macrotona sp. 16, morabine
 & bloodwood to 30 ft. Dense, even

pasture of *Aichanthium senecium*,
Scitima sp.
Eulalia fulva, & a little *Themeda*
australis, all to 3 ft. Heteropternis

782 Fernlees

790. Slight depression in rolling

Locustanigratoria, *Acrolopus*

black soil downs. *Dichanthium*
thalassium, *morabine*
sericeum, *Sacclima* sp., *Panicum*
 sp., dense to 3ft. Patches of *Acacia*
 ? *victoriae* to 6ft.

6791 Cindie

799. *E. populifolia*, with some
adminghamii,
Bauhinia sp. *E. mellauophloia*,
 smooth-barked bloodwood (rough
 (or *E. papuana*?),
 at base) *Dec. brigalow*, bottle-tree,
 to 50ft. *Buddah*, *euilga*, other
Phyllanthus sp., *Pittosporum* sp., *Bursaria*
 small trees or shrubs (spec. of ?)
spinosa Cav. ? *Methiolo* sp., *Psychotrius*
 prickly, scramble abundant;
seriatus, *Froggattina australis*, *Macrotoma*
Eulalia fulva + the grasses
 sp. 16, *Stenocatanopsis angustifrons*,
 to 3ft. Brown fine sandy loam.
Austracris ? *proxima*, *Caledia capativa*.
 Undulating. *Heteropfleris*,
Austracris guttulosa

805. Emerald

806. heavy Emerald

819. Undulating black soil,
Acrolopus thalassium
 with *Dichanthium sericeum*
 & *Panicum* sp. dense to 3ft. Dec.

Acacia Victorial. Austracris
guttulosa, locusta, latter
 numerous.

6826 Glendarrwill

832 Anakie

835. Anakie Range. *E. racemosa*,
Austracris ? *basalis*, *Peateria* sp., "
 smooth-barked Woo wood (*E.*
Cedarnia spp. (2), " (or *E. papuana* ?),
Dichromophloia), *Acacia* *shroleyi*
Yoniara sp., ? *Methuoka* sp., "
 (all to 25ft) with occ. ~~tree~~ "N.T.
Cassia sp. aff. "*C. brewsteri* F. Muell.
ironwood (spec.) to 15ft. & budded.
Pyrenostictus *seriatus*

Sichanthium, *Themeda* & *Arctostichum*

sparse to 3ft, some large dict.

herbs. Undulating, some large

stones. *Heteropternis*, *Diolopus*

844. Ridge with brown ^{fine} sandy
Heteropternis *obscurula*, *Cedarnia* sp.,
 loam & a few stones at summit.
Perbellia sp. (j.), *Macrotana* sp. 16, *Diolopus*
E. melanophloia to 20ft, v. occ.
Halassinus

E. Kroumalis (?), *Sichanthium*

sericeum, *Themeda* *australis*

to 2ft. Froggattina.

845 Siding

6852. Ridge with brown loam.
Macrotona sp. 16, *Cedarnia* sp., *Histolopus*
 somewhat shrubby, *E. melanophloea*
Thalassimus, *Caledia captiva*
 scattered to 75 ft., occ. budball,
 prickly, scrubber. *Heteropternis*.

853 Willows Sta. Railway

869 Bogantungan

870 " " 30/4 depart.

872. Rocky hill slope with pale
Goniaca sp., *Austracis*? *basalis*, *Caledia*
 brown loam. *E. racemosa*, occ.
captiva, *Heteropternis obscurilla*, ? *Methiola*
E. melanophloea, to 20 ft. Several
 sp. A: *Hakea lorea* R. Br. B: *Santalum*
 shrubs or small trees to 15 ft.
Canaliculatum R. Br. C: *Dichrotaechys spicata* (F.
 spec. A - F) widely spaced.
 Muell.) *Bomim*. D: *Scarvella spinescens* R. Br.
Caledia fulva & *Themeda* *quadrilobata*:
 E: *Petalostigma quadrilobata* F. Muell., var.
 to 3 ft. *pubescens* F. Muell.

882 Rail Sta.

886 Undulating pale brown loam
Peakesia sp. (?) *Cedarnia* spp. (?),
E. hemiphloea to 30 ft., with budball
Heteropternis *obscurilla*, *Macrotona* sp.,
milga, *Ventilago*, *Banhusia*,
 occ. *Pycnostictus seriatus*, morabine
Kurajong, *Acacia coarctata*,
Scarvella spinescens
 spec. D, prickly scrubber.
Dichanthium sericeum, *Themeda*

australis, to 3ft, Chloris
 truncata, Eumeapogon ^(?) ~~sp.~~ Protopus
 Moroba on Chloris + Eumeapogon.
 900. Gently undulating red-brown
 sandy loam. E. terminalis, E.
~~melanophloia~~ ^{papuae (?)}, E. melanophloia,
^{Acacia excelsa Benth.}
 occ. E. populifolia, Acacia sp.,
 1/2 spec. G², all to 30-40ft, with
 mulga, Ventilago, leucwood, Alstonia
^{Scavola spinescens}
 confertifolia, spec. D, huddah, +
 other shrubs + small trees. Salsola
 pubra, Themeda australis,
 Chloris sp., Aristida, to 1-4ft.

Heteropogon

900.9 Dry Top

914 Alpha

916. Plain with red-brown sandy
 loam. E. terminalis, E. ^{Eucalyptus papuana F. Muell.} ~~papuae~~,
 Protopus thalassimus, Macrotona sp. 16
 at sav. woodland density, to
 40ft, occ. E. melanophloia. Aristida
 jorhoensis of uniform density

to 3ft.

932 Betas

E. polycarpa F. Muell.934. *E. terminalis*, another bloodwood*Apotropis* sp., *Rhus* sp., *Macrotona* (sp.)with fluffy wood - colour of bark morabine, *Acacia cunninghamii* Hook.*E. melanophloia*, alk & a wattle*Adalappa* sp., *Grevillia pteridifolia* Knight

(spec. J), occ. desert oak (?) (spec I),

Distopus thalassinus, *Austraris ? bosalis*

Kurralong, and other shrubs, or

H: *Replatonia exaltata* Reiset ex Kendl.small trees (eg. spec. H). *Eulalia**fulva*, *Themeda australis*, *Aristida**viridicoccinea*, to 3ft, *Triodia* sp.(spec.) in patches. *Morabina*& *Macrotona* on *Triodia*. Gentlyundulating red sand. *Heliospermis*

942. Mulga scrub to 15ft on

genus no. 5 sp., *Droserina australis*,

undulating country of Duerding

Range. Pale brown dusky soil

with fine lateritic gravel. Sparse

pasture of *Eragrostis lacunaria* F. Muell.& *Aristida* sp., to 9in. Occ. *E.**pubifolia*, *E. racemosa* & *E.**melanophloia* overtopping the mulga

Thrypsomene sp. or Micromyrtus
sp., Calytrix longiflora F. Muell.
42

Heteropogon. Morab on Eragrostis.

6748 Jericho

961. Shimigrale
E. similis Maiden (spec.)

964. yellow-barked Ulmo-like tree
Microda sp., Macrotona spp. (3), Hypotraxis
hemmati to 25ft. Various
sp., genus nov. 9/5 sp., Peakesia sp.,
Acacia & other shrubs to 4ft., a
Heteropogon obscurus, Gonialoa sp., morabine
H. heteromys, & Triodia. Red-brown

band on broad base. Heteropogon,

Austrocris basalis.

974 Rail Siding

977. gentle slope. Pale brown
genus nov. 77 sp. 1, Macrotona spp. (2),

Paradey soil with some
Ruscupia sp., genus nov. 5 sp.
latentic gravel. E. papulifolia

to 25ft., occ. Uddah, Acacia

excelsa. Aristida to 2ft. &
prob. Triodia mitchellii Benth.

Triodia sp. (spec). Macrotona &

Quamplia in Triodia.

979 Lochnagar

985. Slightly rising ^{sand} plain with
Macrotona sp.

large patches of Triodia bandow
to 9in. (except inflorescences). Only

widely

Other plant scattered shrubs of
Myoporum? mon. *panicum* to 6 ft!

6990 *Gynera*7001 *Barcaldine*7002 *Barcaldine* 1/5/57 depart007 *Alice River**Macrotona* sp., ? *Macrozela* sp. (j.),

013. *Sedgema* scrub to 15 ft. dense,
Cedrelinga sp., *Macrolophelia* sp., *Rapsilla fusca*,
 some *Uddah*. A shrubby *Rhagodia*
Coryphistes sp., *Austracris guttulosa*, *Pisulopus*
 to 4 ft, *Bassia leodina*, & other
Halassinus, *Heteropternis obscurella*,
Passer, sparse. *Heteropternis obscurella*
Zabala sp. 1, *Spallia* sp. (j.), Genus nov. 5 sp.,
Trasopara to 9 m. Genus nov. 13 sp.

018. Left Turn to Ky. (TON)

031. Gray-brown heavily self scrub
Pisulopus, *Halassinus*, *Zabala* sp. 1,
 mg. scrub (ashy down) with
Peakesia sp., *Heteropternis obscurella*,
Dichanthium sericeum, *Phloris*
Austracris guttulosa

accutalavis to 2 ft. Plain with
Acacia cana Maiden
 widely spaced *Acacia* ~~*canadensis*~~

(?) (spec) to 20 ft., *Heteropternis*
Acacia farnesiana (L.) Willd.
 to 10 ft., & *Acacia* sp. (spec) to 4 ft.

Chort.

049. Ecotone between *Sedgema* on

brown loam with a little
Macrotona sp. 16, *Zabralla* sp. 1, Genus no. 5

gravel & brown self-succulent
 sp. plain. *Sidaea*, *Hindersonia*,

Heterodendron, *Guzera*, *Acacia*

sowdenii, *Honey acacia* from
 last stop all present but

subspaced *Richardsonium*
sericeum & other grasses, etc.

Bassia quinquevencensis *Holoptes*,
Heteropternis.

70.51 Skeleton Ck.

054 Douglas Ponds Ck.

068 Blackall

078. Bloodwood, rosewood, *Acacia*
Holoptes *Malassimus*, *Loxusta nigra*,
Urtica, *Sparganium*, etc.
Scaevola spiniceps.

D, water bush, with *Richardsonium*
sericeum, *Eulalia fulva* to 3 ft.

Heteropternis.

094 Barcoo River

100. Brown sandy loam plain.

E. populifolia, etc. *Monistria* sp.
E. melanophylla

Oedalus australis, Heteroptera 45

both to soft, with reddish
obscurilla, *Cedaria* spp. (2), *Zabrata* sp. 1,
vulga, *Bambusa*, to soft, *Crewa*
Asiopus thalassinus, *Mycoporum*
near soft to left, small mycoporum
deserti A. Cunn. *Macrotoma* sp. 16, *Peakesia* sp.,
(spec.) under trees. *Monstria* Cunn
Stenus no. 13 sp., *Froggattina australis*,
(Hov), *Chlorotomaeata* rather
morabine.

short grasses to 9 in. Acrida

7112. ~~Grey~~ Brown self-mulching,
Zabrata sp. 1, *Chortocetes terminifera*
non-grass-like plant with *Rabellia*
pectinata (?) & *Pichanthium olivaceum*
dense to 18 in., rising slightly
to where soil a little lower
self-mulching, with scattered
Stalium to soft. Asiopus,
Prasaccis guttulosus, Forcipifera
rock.

128. Grey-brown self-mulching
Chortocetes terminifera, *Froggattina australis*
self plant, no grass. *Rabellia*
pectinata (?) in sandy spaces
tussocks, rather well grazed
to 9 in.

130. Tamba.

- 2/5. 130 Tando (deport)
 to 15 ft.
7145. *Gidcea* occ. Malaya, rosewood,
Ariolopus thalassinus, *Dedalus australis*,
 Uddah on grey self-mulching
Zabrata sp. 1
 soil at top of low rise (low
 "Range") adjacent to downs.
- Dichanthium sericeum* & patches
 of *Bassia quinqueang.*
158. Pale brown sandy loam on
 genus nov. 5 sp., genus nov. 13 sp.,
 level area with *E. populifolia* to
Monistria sp., *Cedania* sp., *abundant*
 30 ft. *Heterodendron*, *Spec. Dh*
Psychotrius genatus, *morabius* (2 spp.)
 Uddah, Ventelago, *Bambusa*
Cunninghamia. Sparse growth
Eragrostis lacunaria F. Muell.
 of *Eragrostis* sp. (sp.) to 9 in, with
 some taller grasses in patches
 & some forbs. Occ. *Bassia birchii*
Morabius or *Eragrostis*
170. Grey brown self-mulching
Zabrata sp. 1, *Ariolopus thalassinus*,
 soil on gently undulating
Chrosticetes hominifera
 plain with mainly *Strobila*
 in spaced tussocks to 1 ft., occ.
Bassia birchii & *B. quinqueang.*
Aerida.

Aiolopus thalassinus, *Peakesia* sp. ^{A7}

7182. Undulating brown sandy

Cedarnia spp. (2), *Macrotoma* sp. 16,

loam. *E. populifolia* to 50ft.

Heteropternis obscurella, *Troggathina australis*,

Arctida, *occ. Deebanthrum*,

Pycnostictus seriatus, *lacumaria*. Genus

patches of *Eragrostis* sp. (same

no. 13 sp., Genus no. 5 sp., more bines (2 spp.)

to 7158); *Bassia brachy* frequent.

Aiolopus, *Oedaleus*, *housta*.

189 Nere River

192. *E. populifolia* to 50ft, with

Cedarnia spp. (2), *Peakesia* sp., morabines

rosewood, *Epec. D. luddah*,

(2 spp.), *Troggathina australis*, Genus no. 5

mulga, *brigalow*, *occ. mulga*.

sp., Genus no. 13 sp., *Elephantus quadrilobus*,

Red-brown sandy loam, gently

Monistria sp., *Aiolopus thalassinus*,

undulating. Small under-shrubs:

Macrotoma spp. (2), Genus no. 95 sp., *Acrida*

Bassia brachy, *Myporum* sp.,

Conica, *Heteropternis obscurella*.

9 others. *Arctida* + other grasses

mainly to bin. *Pycnostictus*

seriatus, *Oedaleus*.

203 *Angathella*

208 *Burenda* Ck

209 Low quartzite outcrop. *E.*

Genus no. 95 sp., *Heteropternis obscurella*,

Cam bagcana to 60ft, *mulga* +

Cedarnia spp. (2), *Peakesia* sp., *Oedaleus*

brigalow to 20ft, *luddah*, *occ.*

australis, Monistria sp., Genus nov. 813
mulga. Sparse thin cover of
sp., Macrotona sp. 16, Genus nov. 5 sp., morabine
Aristida sp. + Eragrostis sp.
as before. Pycnostictus seriatius,
Froggattina.

7220. Mulga to 25 ft. slightly
Genus nov. 95 sp., Genus nov. 5 sp., Muldah
Hummed, occ. E. populifolia, !
Macrotona sp. 16, Cedarinia sp.,
On red sand, slightly undulating
Monistria sp.
Eremophila freelingii to 3 ft, +
mulga regrowth. ~~Sarcocolla~~
Neurocline mitchelliana
? Murchisonia sp. to 9 in. giving
a fair cover.

230. Flat with red-brown sandy
Cedalus australis, Cedarinia sp.,
loam. Mildly spaced E. populi-
Macrotona sp., morabine
folia to 30 ft, rosewood, Muldah
Pasture composed of Chloris sp.
Chloris pectinata Benth.
(spec. 1) to 10 in. with some
Chloris scariora F. Muell.
Chloris sp. (spec. 2) + with Bassia
kirchii under trees. Pycnostictus
seriatius.

247. Brown fine sandy loam
on flat. E. populifolia to 35 ft.

Genus nov. 5 sp., *Troggattina australis*,
with occasional rosewood
Chortocites terminifera, *Cidarimia* sp., *Acilopus*
Chloris truncata, open, to 4 in.
Malassinus, morabine
Bassia viridula abundant to
2 ft.

7253 Charleville

254 3/5/57 Charleville depot

279. Mulga, E. *Populifolia* to 35 ft,
Cidarimia spp. (2), *Macrotona* spp. (2), *Monistria*
Muddah to 15 ft, a small *Uros*
sp., *Dodonaea tenuifolia* *Kindl.* *Peakesia*
shrub to 6 ft. (spec.), spiced grass
sp., *Aerida copica*, *Gonimela* sp., *Troggattina*
heros to 9 in., on stony slope
australis, *Perbellia* sp., Genus nov. 5 sp., *Gerhus*
with brown sandy loam.
nov. 95 sp., *Heteropternis obskurella*, *Dedaleus*
Dedaleus, *Pyrenostichus seratus*

australis, morabine
(f), *Acilopus*, *Chort.*

293. Earthy undulating brown
Genus nov. 67 sp., *Monistria* sp., *Macrotona*
sand. E. *hulacophylloia* to 20 ft,
Acacia quidiu *Benth.* spp. (2), Genus nov.
a *Uros* acacia (spec.) to 6 ft,
28 sp., *Peakesia* sp., morabines (2 spp.)

fairy dense in places, *Triodia*
Triodia marginata N.T. Burbidge
sp. (spec.) throughout. The
Thryphonene (?) shrub as on

Alice Tableland, and a small
Dicrostylis weddii F. M. Bailey (spec.).
grey plant to 9 in. *Thoraba* with

no clear plant association.

Saw a *Pennisetia* & a *Eumecurus*?

329. Red-brown sandy loam.

Aedonia sp., *Macrotoma* sp., *Oedaleus*

underlying. *E. populifolia* to 50

ft., *mulga*, *occ.* *Vent. Lago. Grass*

Pycnostictus seriatus, *Peakesia* sp.,

shrub from 279 common to 4 ft.

Aptropis sp., *Gonoclea* sp., *Genus nov.* 28 sp.,

Eremophila latifolia (?) *occ.* to

Austracris guttulosa, ? *Genus nov.* 68 sp.

2 ft. Sparse short grass. Patch

of *Passerina*, *Arotopus*,

Acrida, *Froggathina*.

330 Boatman ~~FL~~ turn-off.

354. Red-brown sand plain. *E.*

Peakesia sp., *Genus nov.* 28 sp., *Genus nov.* 95 sp.,

populifolia to 35 ft., *occ.* *E. melang.*

Genus nov. 5 sp., *Macrotoma* sp. 16, *morabine* to 2 ft.

phlora, *mulga*. *Aristida jorchocens*

Neurachne mitchelliana *Nees* especially

some *Neurachne* (spec.) under

trces. *Heteropterus*

383. Thinned *E. populifolia*, *mulga*

Pycnostictus seriatus

to 30 ft., with *mulga* regrowth.

Dense *Digitaria* sp., *Parthenium* sp.,

Paspalidium

gracile, patches of *Themeda*

australis. *Oedaleus* Red sand,

flat.

385 Red Junot. (Cunna. red.)

388 Theodore Tank.

391 Brown sandy loam, gently undulating. Boundary of gidgee *Didalium australis*, *Macrotoma* spp. (2), genus to 25 ft (with ~~occ~~ *Uddah* ~~occ.~~ nov. 95 sp., ? Genus nov. 68 sp. *mulga*) and *E. populifolia*, *mulga*, to same height. *Paspalidium gracile*, *Eragrostis* sp., to 9 in. *Bassia birchii* to 18 in. *Acrotopus*, *Acrida*, *Chot.*

414 Bollon

414 Bollon depart 4/5/57

415. Red-brown sandy loam, slightly undulating. *E. populifolia* to 50 ft, *Cedaria* sp. *Pycnostictus striatus*, genus *mulga*, *mulga* regrowth to 15 ft. nov. 95 sp., genus nov. 5 sp., *Heteroptemis* ~~occ.~~ *Uddah*, *Heberodendron*, *obscurella*, *Didalium australis*, *Howrida jenshoensis* to 2 ft, with *Digitaria* sp., *Eragrostis* sp., & *Nhrachne mitchelliana* *Nhrachne*; ~~occ.~~ *Bassia birchii* & *Bassia* & *Rhagodia* spp.

422 Turned off from St George
Y Red.

7426. Red sand plain. *E. intertexta*
Goniala sp., *Coryphostes* sp., *Macrotona* spp. (2),
 to 70ft. with some mulga, *Acacia*
Ephantus quadrilobus, Genus nov. 28 sp.,
edulsa, *Uddah*, and *Cassia*
morabine
 sp. (to 5ft, fairly dense in patches).
Paspalidium
Aristida pinchoensis, *Paspalidium*
graille (R. Br.) *Hughes* *mitchelliana*
 sp. (spec.), *Muraehne*, occ.

Sida sp. Moraba on *Paspalidium*.

434 Turn to Argyle 12 miles (Right)

441. Slightly depressed area with
Austracris guttulosa, *Cedarunia* sp., *Monistria*
 slightly self-mulching grey-brown
pustulifera, *Macrotona* spp. (2), Genus nov.
 soil with gilgais. *Belah*, E.

5 sp., *Bernius* sp., *Froggattina australis*,
populifolia, to 40ft, with mulga,
 occ. *morabines* (2 spp.)
Uddah. *Dichanthium sericeum*,

Chloris sp., with couch in the
 gilgais & *Bassia birchii*
 abundant in patches. *Acidopus*,

Dedalus, *Acinda*, *Froggattina*

Moraba (small) associated with *B. birchii*.

456. Brown sand, hum country.

Macrotona spp. (2), *Peakesia* sp., *Uronisa*

E. populifolia to 70ft, bullock to

guttulosa, Genus nov. 95 sp., *Dedalus*
 40ft., *Uddah*, occ. *Pine*, E.

australis, *Cedarunia* sp., Genus nov. 5 sp.,
intertexta, *Wewood*, *bloodwood*
 (2 tracks)

Pycnostictus seratus, morabina 53

(50ft), *Heterodendron*. *Aristida*
jeichocensis & "*Paspalidium*"
to 2ft., occ. *Sida*. Moraba on
"*Paspalidium*". Froggattina.

467. Low-lying swampy area.
Austracris guttulosa, *Bermius* sp.,
E. coolabah to 20ft, *Acacia*
Schizobothrus flavovittatus, *Acolopus*
stenophylla to 15ft, *Muehlen-*
thalassimus, *Monistria pustulifera*
Leckia cuminghamii to 6ft,
occ. *Acacia salicina*, *Urtica*.
Grasses & swampy plants to
1ft. Acrida.

469 Kooloowale Ck.

471 Culgoa River

474 Toobee Ck

479 Drombandi

490. ~~Sp~~ Brown sand flat. E.
(40ft),

populifolia *fulva*, *Acacia*
Adanibia sp., *Podalium australe*, *Macrotana*
excelsa, *Callitris glauca*, occ.
sp., *Peatesia* sp., *Froggattina australis*,
Urtica, wild orange. Rather
genus nov. 5 sp.

Thin pasture of various species,
including *Paspalidium gracile*,

especially under trees. *Bassia*
kerchii in patches. Diolopus,

Heteropternis, Acrida, ~~the~~ Austracris
guttulosa.

7508. Atalaya, *Hindesia*, *melga*,
Macropholia sp. *Owenia acicula*,
Ventilago, occ. *huddah*, ~~the~~

wild orange, on grey-brown clay
 loam flat. *Chloris acicularis*

to 8 in, scattered *Bassia quinque-*
cuspis, *Rhagodia* spp. & creeping

Abruplex spp. Some bare ground.

Diolopus, Chot., Pedaleus.

520 Hebel

527. Low ridge with slight

outcropping of conglomerate. Brown
 with dense quartz gravel

sandy loam. *E. populifolia*, *melga*,
Sepantus quadrilobus, *Pedaleus australis*,

E. melanophlora, *Acacia scabra*,
Chortocites tenuifera, *Macrotana* sp. 16,

occ. *melga*, *huddah*. *Anshda*
Pycnostictus variatus, ^{genus nov. 5 sp.} sp. 10 in, occ. *Tabpaldium*

gracile. *Heteropternis obscuriflora* (?)
 under trees. Heteropternis (j).

533 Angled soil

Turned back

535

Turned off to Lightning
Ridge - Walgett.